



COGNIO, INC.
 101 ORCHARD RIDGE DRIVE, SUITE 350
 GAITHERSBURG, MARYLAND 20878

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio25US3
 SERIAL NO.: 10/757,704
 APPLICANT(S): Sugar et al.

GROUP ART UNIT: 2631
 FILING DATE: January 14, 2004
 TODAY'S DATE: May 4, 2004

FOREIGN PATENT DOCUMENTS

<u>Examiner Initial</u>	<u>Document Number</u>	<u>Date</u>	<u>Country</u>	<u>Class/Subclass</u>	<u>Translation (Yes or No)</u>
PP BA	2260336	08/15/2000	Canada	C01R 29/26	
PP BB	2298316	08/15/2000	Canada	H04B 1/16	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>*Examiner Initial</u>	<u>Author, Title, Date, Pertinent Pages, Etc</u>
PP CA	MEDAV, Dr Hans-Joachim Kolb, "Short Time Spectral Analysis Of Audio Signals On A PC," date unknown.
CB	Agilent publication, "Agilent PSA Performance Analyzer Series Swept And FFT Analysis, Product Note," 2000.
CC	Agilent Publication, "Agilent 89400 Series Vector Signal Analyzer Product Overview," 2000.
CD	Agilent Publication, "Agilent Technologies: 2G & 3G Solutions-Accelerating Progress," 2002.
CE	Agilent Publication, "Agilent Technologies: Powerful Solutions To Complex Measurement Problems; Burst, Transient + Modulated Signal Analysis," 2000.
CF	Agilent Publication, "Agilent PN 89400-8 Using Vector Modulation Analysis In The Integration, Troubleshooting And Design Of Digital RF Communications Systems," 2000 (and earlier).
CG	Agilent Publication, "Agilent PN 89400-10 Time-Capture Capabilities Of The Agilent 89400 Series Vector Signal Analyzers," 2000 (and earlier).
CH	Agilent Publication, "Agilent 89440A-1 Frequency And Time-Selective Power Measurements With The Agilent 89410A And 89440A," 2001 (and earlier).

<u>Examiner Signature</u>	<u>phum phn</u>	<u>Date Considered</u>	<u>12/6/06</u>
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)

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PP CI	Canadian Communications Research Center, "Spectrum Explorer Project Of Canadian Communications Research Center," 1998 (and later).
CJ	Stanford Research Systems, "Stanford Research Systems SR785 Two Channel Dynamic Signal Analyzer," 1998.
CK	Agilent Publication, "Agilent Technologies Vector Signal Analyzer: Open New Windows For Alcatel Space Satellite Communications Business: Case Study," May 24, 2001.
CL	MEDAV, Dr. Hans-Joachim Kolb, "Signal Processing And Neural Networks In Surveillance And Radio Monitoring," Excerpt from ETH Zurich, 1993.
CM	Agilent Publication, "Agilent Technologies: Select The Right Agilent Signal Analyzer For Your Needs," 2003 (and earlier).
CN	MEDAV, "MEDAV ASTRID Analysis System For Telecom Signals, Recognition, Interception And Demodulation Of HF/VHF/UHF Radio Signals From 0 To 2 GHz," 2000.
CO	MEDAV, "MEDAV OC-6040 PC-based 4-Channel Analyser and Demodulator for Narrowband COMINT Signals with Automatic Signal Recognition and Text Decoding Capability," 2002.
CP	MEDAV, "Medav DSP-Kit Metlab TM- Toolbox For Real-Time Measurement Acquisition," date unknown.
CQ	MEDAV, "Medav Spektro-Kit; Online Spectrogram Analysis On A PC," date unknown.
CR	Tektronix, "Net Tek® BTS Transmitter And Interference Analyzer Ybt250", September 2002.
CS	Boudreau, Daniel et al., "Monitoring Of The Radio-Frequency Spectrum With A Digital Analysis System", June 27, 2000, Proceedings of the 15 th International Wroclaw Symposium and Exhibition on Electromagnetic Compatibility
CT	BBN Technologies, "Using Signal Processing To Analyze Wireless Data Traffic," May 22, 2002, BBN Technical Memorandum No. 1321, prepared for DARPA.
CU	Carlemalm, Catharina, "Suppression Of Multiple Narrowband Interferers In A Spread-Spectrum Communication System," August, 2000, IEEE Journal on Selected Areas in Communications, Special Issue on Broadband Communications, Vol. 18.

Examiner Signature	Phungphu	Date Considered	12/6/06
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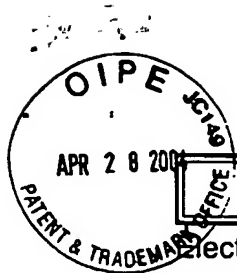
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PP	CV	Boudreau, Daniel et al., "A Fast Automatic Modulation Algorithm And Its Implementation In A Spectrum Monitoring Radio Signals", October, 2000, Milcom 2000.
	CW	Lo, Victor Yeeman, "Enhanced Spectral Analysis Tool (SAT) For Radio Frequency Interference Analysis And Spectrum Management," Milcom, 1998.
	CX	MEDAV, "Astrid++ Analysis, Monitoring, Recording And Multi-Channel Direction Finding Of Wideband Application," 2000.
	CY	Tektronix, "Real-Time Spectrum Analysis Tools Aid Transition To Third-Generation Wireless Technology," 1999.
	CZ	Patenaude, Francois et al., "Spectrum Surveillance: System Architecture," CRC-TN-97-001, Canadian Communications Research Centre, April 15, 1997.
	DA	Oscor, "Oscor 5000 Omni-Spectral Correlator," publication date unknown.
	DB	Anritsu, "MS2711A Handheld Spectrum Analyzer," May, 2000.
✓	DC	PCT Search Report from counterpart PCT application No. PCT/US03/12376 filed April 22, 2003.

Examiner Signature	<i>Phung phu</i>	Date Considered	12/6/06
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	System and Method for Real-Time Spectrum Analysis in a Communication Device																																																																						
<p>Application Number: 10/757704</p> <p>Confirmation Number: 4476</p> <p>First Named Applicant: Gary Sugar</p> <p>Attorney Docket Number: Cognio25US3</p> <p>Art Unit: 2631</p> <p>Search string: (3992666 or 5005210 or 6484111 or 4839582 or 5210820 or 5745777 or 6509728 or 5956638 or 4336541 or 6584419 or 6229997 or 4947338 or 5436556 or 5144642 or 5323337 or 5905949 or 5432862 or 4818949 or 4597107 or 4084245 or 5230087 or 4227255 or 5697078 or 4501020 or 4166980 or 6229998 or 6130907 or 6084919 or 6385434 or 5706202 or 4950999 or 5303262 or 4054785 or 6233529 or 5271036 or 6374082 or 6349198 or 5574979 or 5808463 or 6512788 or 6714605 or 20020154614 or 20030050014 or 20020142744 or 20010055952 or 20020177446 or 20020155811 or 20020086641 or 20030067662 or 20030198304 or 20030198200 or 20030224741 or 20030123420 or 20040028123).pn.</p>																																																																							
<p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>PP</td><td>1</td><td>3992666</td><td>1976-11-16</td><td>Edwards et al.</td><td></td><td>324</td><td>77R</td></tr><tr><td></td><td>2</td><td>5005210</td><td>1991-04-02</td><td>Ferrell</td><td></td><td>455</td><td>115</td></tr><tr><td></td><td>3</td><td>6484111</td><td>2002-11-19</td><td>Nara</td><td>B1</td><td>702</td><td>77</td></tr><tr><td></td><td>4</td><td>4839582</td><td>1989-06-13</td><td>Fukaya et al.</td><td></td><td>324</td><td>77B</td></tr><tr><td></td><td>5</td><td>5210820</td><td>1993-05-11</td><td>Kenyon</td><td></td><td>395</td><td>2</td></tr><tr><td></td><td>6</td><td>5745777</td><td>1998-04-28</td><td>English et al.</td><td></td><td>395</td><td>800</td></tr><tr><td>✓</td><td>7</td><td>6509728</td><td>2003-01-21</td><td>Uchino et al.</td><td>B1</td><td>324</td><td>76.15</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	PP	1	3992666	1976-11-16	Edwards et al.		324	77R		2	5005210	1991-04-02	Ferrell		455	115		3	6484111	2002-11-19	Nara	B1	702	77		4	4839582	1989-06-13	Fukaya et al.		324	77B		5	5210820	1993-05-11	Kenyon		395	2		6	5745777	1998-04-28	English et al.		395	800	✓	7	6509728	2003-01-21	Uchino et al.	B1	324	76.15
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18	8	5956638	1999-09-21	Chang et al.		455	423
	9	4336541	1982-06-22	Tsui et al.		343	18E
	10	6584419	2003-06-24	Alexander	B1	702	68
	11	6229997	2001-05-08	Addy		455	226.1
	12	4947338	1990-08-07	Vistica		364	485
	13	5436556	1995-07-25	Komninos		324	76.23
	14	5144642	1992-09-01	Weinberg et al.		375	10
	15	5323337	1994-06-01	Wilson et al.		364	574
	16	5905949	1999-05-18	Hawkes et al.		455	410
	17	5432862	1995-07-11	Hirsch		382	207
	18	4818949	1989-04-04	Cohen		324	77B
	19	4597107	1986-06-24	Ready et al.		455	226
	20	4084245	1978-04-11	Bunge		364	485
	21	5230087	1993-07-20	Meyer et al.		455	67.1
	22	4227255	1980-10-07	Carrick et al.		455	226
	23	5697078	1997-12-09	Peterson et al.		455	190
	24	4501020	1985-02-19	Wakeman		455	226
	25	4166980	1979-09-04	Apostolos et al.		325	363
	26	6229998	2001-05-08	Hamdy et al.	B1	455	226.1
	27	6130907	2000-10-10	Chen		375	200
	28	6084919	2000-07-04	Kleider et al.		375	285
	29	6385434	2002-05-07	Chuprun et al.	B1	455	11.1
	30	5706202	1998-01-06	Itahara et al.		702	77
	31	4950999	1990-08-21	Agnello et al.		324	76.22
	32	5303262	1994-04-12	Johnson		379	454
	33	4054785	1977-10-18	Lehmann		708	405
	34	6233529	2001-05-15	Nonaka		702	76
	35	5271036	1993-12-14	Lobert et al.		375	227
	36	6374082	2002-04-16	Carlson		455	63.1
	37	6349198	2002-02-19	Carlson et al.		455	63.1
	38	5574979	1996-11-12	West		455	63.1
	39	5808463	1998-09-15	Nagano		324	76.21
	40	6512788	2003-01-28	Kuhn et al.	B1	375	224
✓	41	6714605	2004-03-30	Sugar et al.	B2	375	340

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
PP	1	20020154614	2002-10-24	Jagger et al.	A1	370	332
	2	20030050014	2003-03-13	Cain	A1	455	67.1
	3	20020142744	2002-10-03	Okanoue et al.	A1	455	226.1
	4	20010055952	2001-12-27	Ficarra	A1	455	67.3
	5	20020177446	2002-11-28	Bugeja et al.	A1	455	450
	6	20020155811	2002-10-24	Prismantas et al.	A1	455	63
	7	20020086641	2002-07-04	Howard	A1	455	67.1
	8	20030067662	2003-04-10	Brewer et al.	A1	359	189
	9	20030198304	2003-10-23	Sugar et al.	A1	375	340
	10	20030198200	2003-10-23	Diener et al.	A1	370	329
	11	20030224741	2003-12-04	Sugar et al.	A1	455	115.1
	12	20030123420	2003-07-03	Sherlock	A1	370	338
✓	13	20040028123	2004-02-12	Sugar et al.	A1	375	224

Signature

Examiner Name	Date
phung phn	12/6/06